

FLASHPOINT

Special points of interest:

- * Online Training Opportunities.
- * Future Cities



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FEBRUARY MONTHLY MEETING

Date: Tuesday, February 8th, 2021

Place: *** Virtually via Microsoft Teams ***

5:00 PM: Program Begins

Program:

***"Sprinkler System Plan Review" presented by:
Ray Vance, Fire Design Concepts, LLC.***

Cost: \$15.00 for the program.

Reservations: Please RSVP online prior to the meeting.

Significant February Fires Throughout U.S. History:

"Station Nightclub Fire", West Warwick, RI - February 20th, 2003

- 100 fatalities
- Over 200 injuries

"One Meridian Plaza", Philadelphia, PA - February 23rd, 1991

- 3 firefighters killed
- 8 floors of the high-rise completely destroyed. Building demolished in 1999.

"Great Baltimore Fire", Baltimore, MD - February 7th and 8th, 1904

- About 70 city blocks destroyed
- No fatalities

We are happy to accept online payments of dues and monthly meetings. Check it out at our website, www.sfpephiladelphia.org, and in the lower right-hand corner of the page there is a heading "Payment Options". Pick from the drop-down menu whether you are paying for annual dues, a virtual meeting, or an in-person meeting, click "Buy Now" and you will be directed to PayPal for processing.

RSVP ONLINE AT: <https://forms.gle/Q4Beg5QsAzntBxyv9>

President's Spark Jack Fairchild, PE, CFPS, CET

Greetings all,

Please extend a thank you to both Frank Ellis and John Kampmeyer for participating in the national Future City competition. For those that don't know, Future City is a "project-based learning program where students in 6th, 7th, and 8th grades imagine, research, design, and build cities of the future". The activity is to design a city 100 years in the future.

This year's topic was around sustainability. John has participated in this competition for many years and Frank has at least two years under his belt, this was my first. SFPE was once again a special award sponsor. This year (like last) was virtual. Kudos to the organizers. There were over 100 volunteers and at least two dozen schools all on zoom! Frank and I moved from breakout room to breakout room as a team asking fire protection questions. We had about four minutes with each group of kids. SFPE's award went to **St. Cecilia School** (see pictures on page 4) because they were so engaging and their responses were on point.

Thank you again to Frank and John for your commitments to this cause. If you've never volunteered for future cities, you're missing out. We'd love to see you there next year.

Best,
Jack Fairchild

FLASHPOINT

"The purpose of FLASHPOINT is to provide a forum for the transfer of information between members of the Philadelphia-Delaware Valley Chapter of the Society of Fire Protection Engineers (SFPE) and to give the Chapter visibility."

Newsletter/Publicity
Committee:

Frank Ellis

Information for publication can
be submitted to:

dvsfpe@gmail.com

This Newsletter is published 9
or 10 times/year (September
through June) and received
as part of membership of the
Chapter. Membership Dues
are \$35.00 collected annually
in the Fall of the Year.

Visit our web site at:

www.sfpephiladelphia.org

Articles written are the views
of the Author and not
necessarily those of the
Philadelphia-Delaware Valley
Chapter of SFPE. ❖

SFPE WEBINAR SERIES

Sign up online at: <https://www.sfpe.org/events-education/sfpewebinarseries>

FEBRUARY

Fire Modeling - Just because you can, doesn't mean you should.

Feb 9, 12:00 - 13:30 (ET)

Fire Modeling - Understanding Model Validation and Uncertainty

Feb 16, 12:00 - 13:30 (ET)

Women in Fire Protection Engineering Conversation Circle

Feb 22, 13:00 - 14:00 (ET)

Fire Modeling - Use of CFD in Smoke Control Design for Transportation Infrastructure

Feb 23, 12:00 - 13:30 (ET)

MARCH

Premium Webinar Series: Fire Modeling Power Hour

Mar 2, 12:00 - 13:30 (ET)

Occupant Tenability Assessment Approach in PBD

Mar 3, 11:00 - 12:00 (ET)

Premium Webinar: A Framework for More Robust Fire Safety Engineering – QA of Fire Safety Systems

Mar 7, 15:00 - 16:30 (ET)

Free NFSA Online Training

The 2022 training schedule will be announced shortly.



Future Cities Competition

This year, the SFPE's award for "Fire Protection" went to the team from the St. Cecilia Parish School located in Philadelphia, PA. The team took third place overall out of the 26 teams that participated. Check out their city below:

The Jewel Of the Sea

Commercial Zone



The "Jewel of the Sea" is found in city planners' development of commercial spaces with retail, grocery stores, multi-family rentals found in Sky Gems. The Vertical Agricultural Towers VATS supply fresh produce and meats to all locations throughout the city daily along with seafood and kelp products from our under-the-sea commercial farming and fishing industry. Gemma Maris has a Employer-provided child and senior care center in all of our residential buildings. Retail shopping for all of residents' needs also found in SkyGems. GM is a popular destination for travelers, GM hotels are found in many TOD skyscrapers as well as our first class Ocean Gem Resort located adjacent to the Spar Square hosting our sports facilities and main ocean sports locations.



2021/2022 SFPE PDVC MEMBERSHIP NEWS

To enhance our distribution list and make sure that we are using the most up-to-date information to reach out to all of our membership, we ask that you please submit a new membership form with every membership renewal. Membership forms can be submitted digitally to dvsfpe@gmail.com or mailed in with your annual dues. Annual dues are \$35 and can be paid by mailing a check or by visiting our website at www.sfpephiladelphia.org and following the below instructions.

****New!!** SFPE Philadelphia Delaware-Valley Pay your Dues Online!**

Thanks to Lokesh Nigam, we are now set up for easy online payment of dues and monthly meetings. Check it out at our website, www.sfpephiladelphia.org, and in the lower right-hand corner of the page there is a heading "Payment Options". Pick from the drop-down menu whether you are paying for annual dues, a virtual meeting, or an in-person meeting, click "Buy Now" and you will be directed to PayPal for processing.

EVENT CALENDAR

UPCOMING PHILADELPHIA-DELAWARE VALLEY SFPE MEETINGS AND EVENTS:				
Date	Meeting Type	Event	Location	Time
1/11/2022	Monthly Meeting	Dave Winder: HFC Phasedown	VIRTUAL	5:00 PM
2/8/2022	Monthly Meeting	Ray Vance: Fire Sprinkler Plan Review	VIRTUAL	5:00 PM
3/8/2022	Monthly Meeting	Stephen Haines: Water Driven Foam Proportioners	Hybrid/TBD	6:00 PM
4/12/2022	Monthly Meeting	Frank Ellis: NFPA 13E	Hybrid/TBD	6:00 PM
5/10/2022	Annual Business Meeting	TBD	Hybrid/TBD	6:00 PM



SOCIETY OF FIRE PROTECTION ENGINEERS
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We're on the web:

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Mission Statement

The Philadelphia/Delaware Valley Chapter purpose is to advance the art and science of fire protection engineering and its allied fields, for the reduction of life and property losses from fire, to maintain high ethical standards on engineering among its members and to foster fire protection education.

Recognition of fire protection engineering as a discrete engineering discipline is a prime goal. Engineering disciplines exist because there is a special body of knowledge based on the fundamentals of mathematics, physics, chemistry, engineering science and economics.

The chapter strives to facilitate sharing of sound engineering experiences and knowledge between its members and the fire protection community in general with an active program of education and scholarship activities.

The SFPE Philadelphia Delaware Valley Chapter Board of Directors has decided that fire protection engineering related job announcements will be welcomed in the Flashpoint newsletters. Job Announcements will be \$50 per month for a 1/3 page advertisement. Submittal of artwork / text to be included in the advertisement is required. If you are interested, please reach out to the DVSFPE Secretary, Frank Ellis, at dvsfpe@gmail.com.

Officers for 2021-2022

The officers elected at the May 2021 business meeting are as follows:

President: Jack Fairchild

1st Vice President: Ryan Schartel

2nd Vice President: Tim Murray

Secretary: Frank Ellis

Asst. Secretary: Phil Kerschner

Treasurer: John Spitz

Directors 2020-2022: Joe Chew, Lokesh Nigam

Directors 2021-2023: Dan DeDominic, William Wheeler